

Title (en)
INTERFACE INTERLACE

Title (de)
SCHNITTSTELLENVERFLECHTUNG

Title (fr)
INTERFACES ENTRELACEES

Publication
EP 1142210 A1 20011010 (EN)

Application
EP 99964856 A 19991213

Priority
• SE 9902329 W 19991213
• US 23229199 A 19990115

Abstract (en)
[origin: WO0042740A1] A method and system for communicating data between an integrated circuit (12) and each of a first device (14) and a second device (18). Communications between the integrated circuit and the first device use a first interface protocol, while communications between the integrated circuit and the second device use a second interface protocol. Both interface protocols, however, share the same data bus (22) and clock bus (24). To communicate using the second interface protocol, the first device, which uses the first interface protocol, is first deactivated by sending address data via the shared data bus that does not identify the first device, thereby causing the first device to enter an inactive state until a stop condition is detected on the shared data bus (22). Then, communications using the second interface protocol can be carried out, provided that a start or stop condition for the first interface protocol is not inadvertently generated on the shared data bus (22).

IPC 1-7
H04L 12/413; **G06F 13/38**; **H04Q 7/32**; **G06F 13/42**

IPC 8 full level
H04L 12/403 (2006.01); **G06F 13/38** (2006.01); **G06F 13/42** (2006.01); **H04L 12/413** (2006.01); **H04W 88/02** (2009.01); **H04W 92/04** (2009.01)

CPC (source: EP US)
G06F 13/385 (2013.01 - EP US); **G06F 13/4291** (2013.01 - EP US); **H04W 88/02** (2013.01 - EP US)

Cited by
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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0042740 A1 20000720; AR 022134 A1 20020904; AT E254369 T1 20031115; AU 3089700 A 20000801; CN 1132381 C 20031224; CN 1333964 A 20020130; DE 69912845 D1 20031218; EP 1142210 A1 20011010; EP 1142210 B1 20031112; HK 1043678 A1 20020920; JP 2002535882 A 20021022; JP 4480897 B2 20100616; MY 125638 A 20060830; RU 2231230 C2 20040620; TR 200102017 T2 20011221; US 6253268 B1 20010626

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